

Maryland Historical Trust

Maryland Inventory of Historic Properties number: B-4627

Name: UNIVERSITY PARKWAY OVER STONY RUN

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u> </u> A <u> </u> B <u>X</u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

MARYLAND INVENTORY OF HISTORIC BRIDGES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION/
MARYLAND HISTORICAL TRUST

MHT No. B-4627

SHA Bridge No. BC 3405

Bridge name University Parkway over Stony Run

LOCATION:

Street/Road name and number University Parkway

City/town Baltimore City Vicinity

County Baltimore

This bridge projects over: Road Railway Water X Land

Ownership: State County Municipal X Other

HISTORIC STATUS:

Is bridge located within a designated historic district? Yes No X

National Register-listed district National Register-determined-eligible district

Locally-designated district Other

Name of district

BRIDGE TYPE:

Timber Bridge :
Beam Bridge Truss -Covered Trestle Timber-And-Concrete

Stone Arch Bridge

Metal Truss Bridge

Movable Bridge :
Swing Bascule Single Leaf Bascule Multiple Leaf
Vertical Lift Retractable Pontoon

Metal Girder :
Rolled Girder Rolled Girder Concrete Encased
Plate Girder Plate Girder Concrete Encased

Metal Suspension

Metal Arch

Metal Cantilever

Concrete X :
Concrete Arch X Concrete Slab Concrete Beam Rigid Frame

Other Type Name

DESCRIPTION:**Describe Setting:**

Bridge BC 3405 carries University Parkway over Stony Run in Baltimore City. University Parkway runs northwest-southeast over the southern flowing Stony Run. The area immediately adjacent to the bridge is heavily developed. The bridge is on the edge of Johns Hopkins University campus and Wyman Park.

Describe Superstructure and Substructure:

Bridge BC 3405 is a single span filled concrete arch bridge. The style is early Classical Revival. The total length of the bridge is 87 feet. The bridge has a rise of approximately 20 feet from springline to crown. There is a clear roadway width of 58 feet 2 inches, with an overall width of 75 feet. The arch barrel had moderate deterioration, cracking, and efflorescence. There are large areas of scale and reinforcement bar exposure at the joint of the parapet and the base of the abutment. The spandrel walls have large areas of cracking and patched areas from previous repairs. In addition, the walls have areas of efflorescence. According to a 1995 inspection report, the bridge is in satisfactory condition with a sufficiency rating of 69.4.

Bridge BC 3405 retains its original parapets. There is a single section running the length of the bridge, including the wingwalls. The single section on either side of the bridge has an incised detail that mimics the appearance of Greek columns. Eight incised details decorate each parapet of the bridge. The endblocks are approximately 4 feet wide and 3 feet high. There is moderate scaling on the caps of the parapets and cracking throughout the panels.

Discuss Major Alterations:

There has been extensive patching throughout the bridge, however, no major alterations have occurred.

HISTORY:

WHEN was bridge built (actual date or date range) 1908

This date is: Actual X Estimated

Source of date: Plaque Design plans County bridge files/inspection form X

Other (specify)

WHY was bridge built? Widening of city roads

WHO was the designer? Unknown

WHO was the builder? Baltimore City

WHY was bridge altered? N/A

Was bridge built as part of organized bridge-building campaign? Yes, this bridge was built as part of Baltimore City road extensions

SURVEYOR/HISTORIAN ANALYSIS:

This bridge may have National Register significance for its association with:

A - Events X B- Person

C- Engineering/architectural character X

This bridge was determined eligible by the Interagency Review Committee in June 1996.

Was bridge constructed in response to significant events in Maryland or local history?

Following the completion of the Maryland Geological Survey, the State legislature created the State Roads Commission. The Commission was assigned the duty of overseeing the construction and maintenance of roads. The Commission determined that they would allow Baltimore City to select projects which fit the mission of the Commission's original "Seven-Year Plan" for reconstruction of the state's infrastructure. The construction of this bridge was one of the first projects chosen by the city.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth & development of the area?

No, there is no evidence that this bridge impacted the growth of this area.

Is the bridge located in an area that may be eligible for historic designation?

No, this bridge is not located in an area that is eligible for historic designation.

Is the bridge a significant example of its type?

Yes, this bridge is a significant example of a concrete arch bridge. The bridge does not conform to standard design for ornamentation. The style is unique among the state's extant structures. The bridge retains its character-defining elements.

Does bridge retain integrity of important elements described in Context Addendum?

The bridge retains its character defining elements. Although patched, the arch barrel still has its original design and is in good condition; the remaining elements have not been altered.

Is bridge a significant example of work of manufacturer, designer and/or engineer?

Yes, the bridge is a significant example of an early concrete arch bridge built by the City of Baltimore.

Should bridge be given further study before significance analysis is made?

Yes, this bridge may be given further study in order to determine its relationship to the City Beautiful Movement and its relationship to Johns Hopkins University.

BIBLIOGRAPHY:

County inspection/bridge files X SHA inspection/bridge files X Other (list):

State Roads Commission Report

SURVEYOR/SURVEY INFORMATION:

Date bridge recorded June 1996

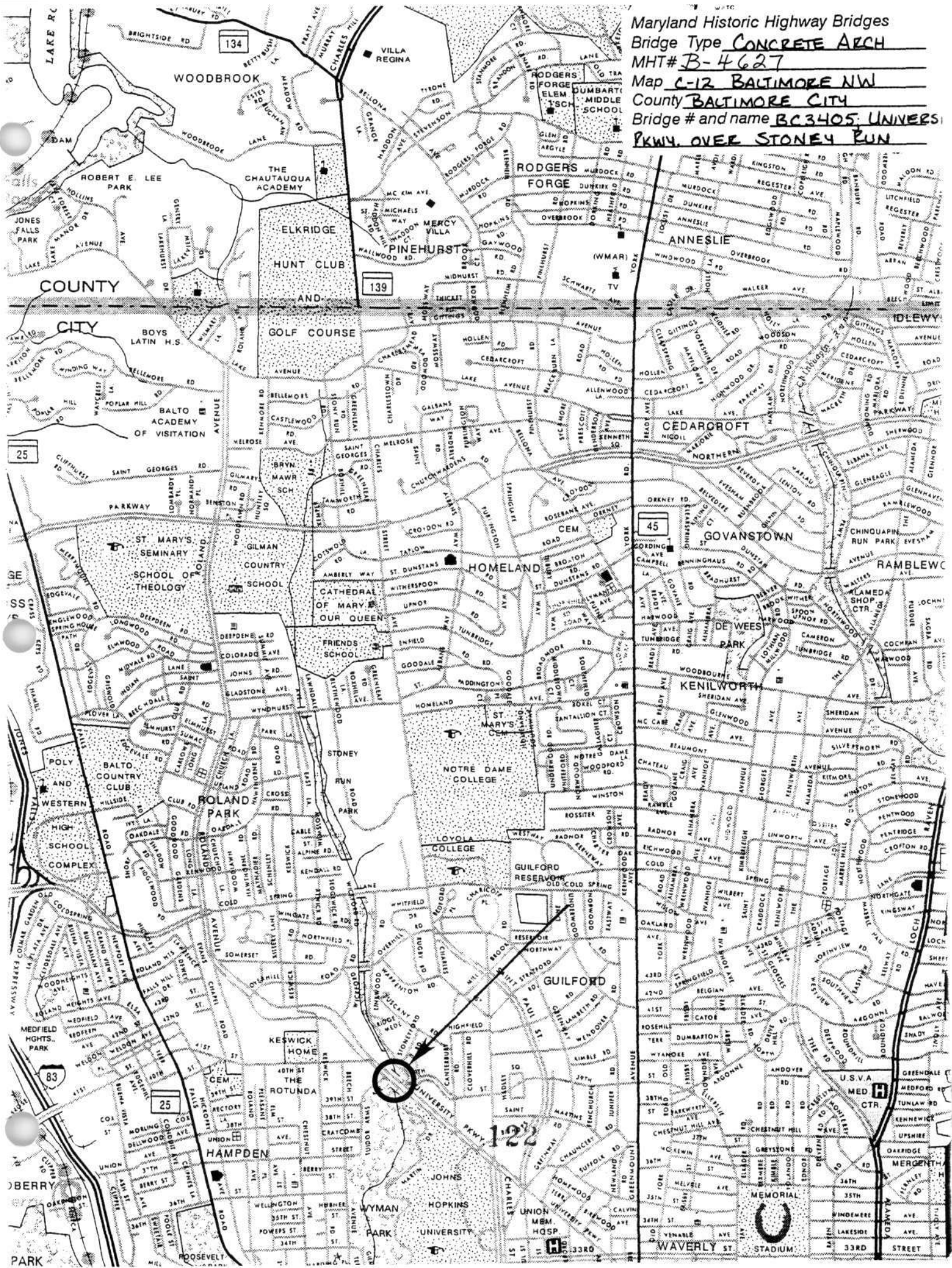
Name of surveyor Stacie Webb

Organization/Address State Highway Administration, 707 North Calvert Street, Baltimore, MD

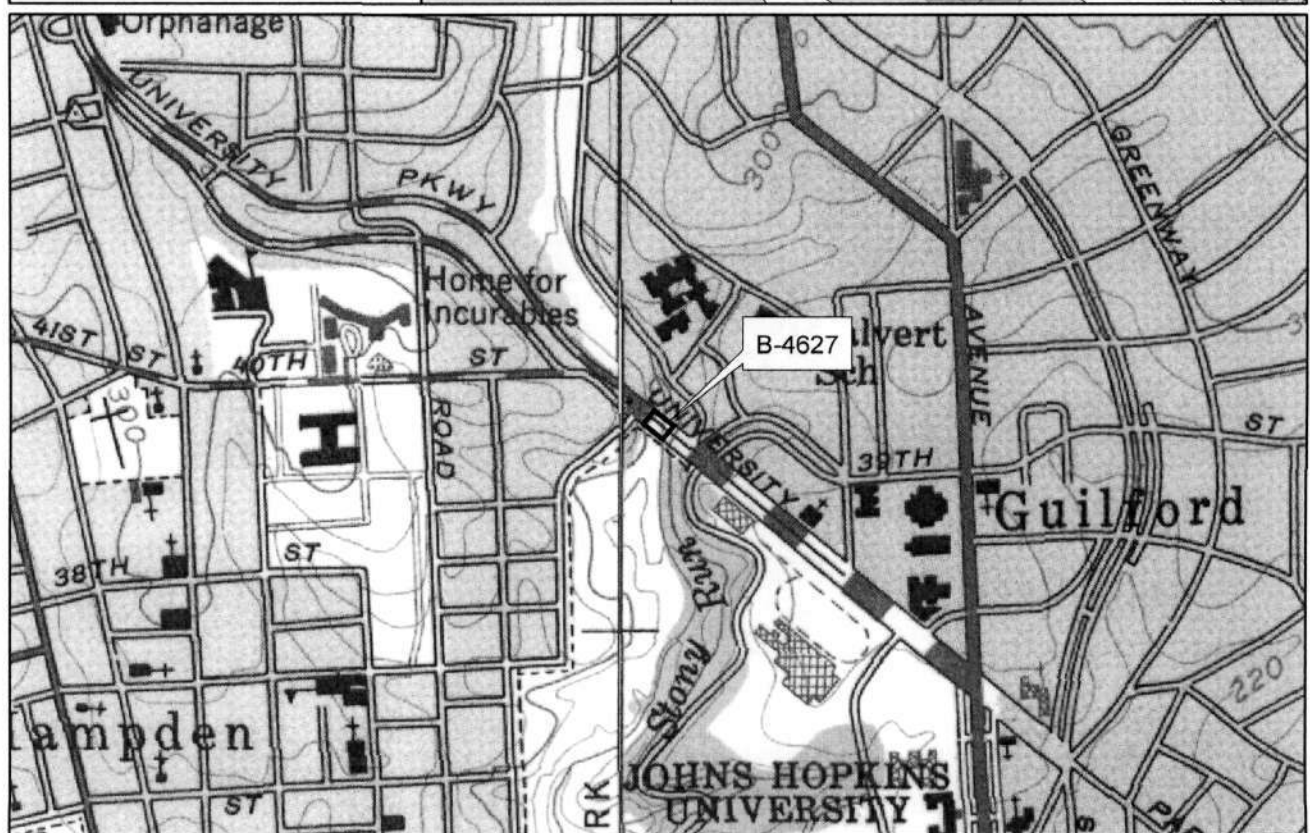
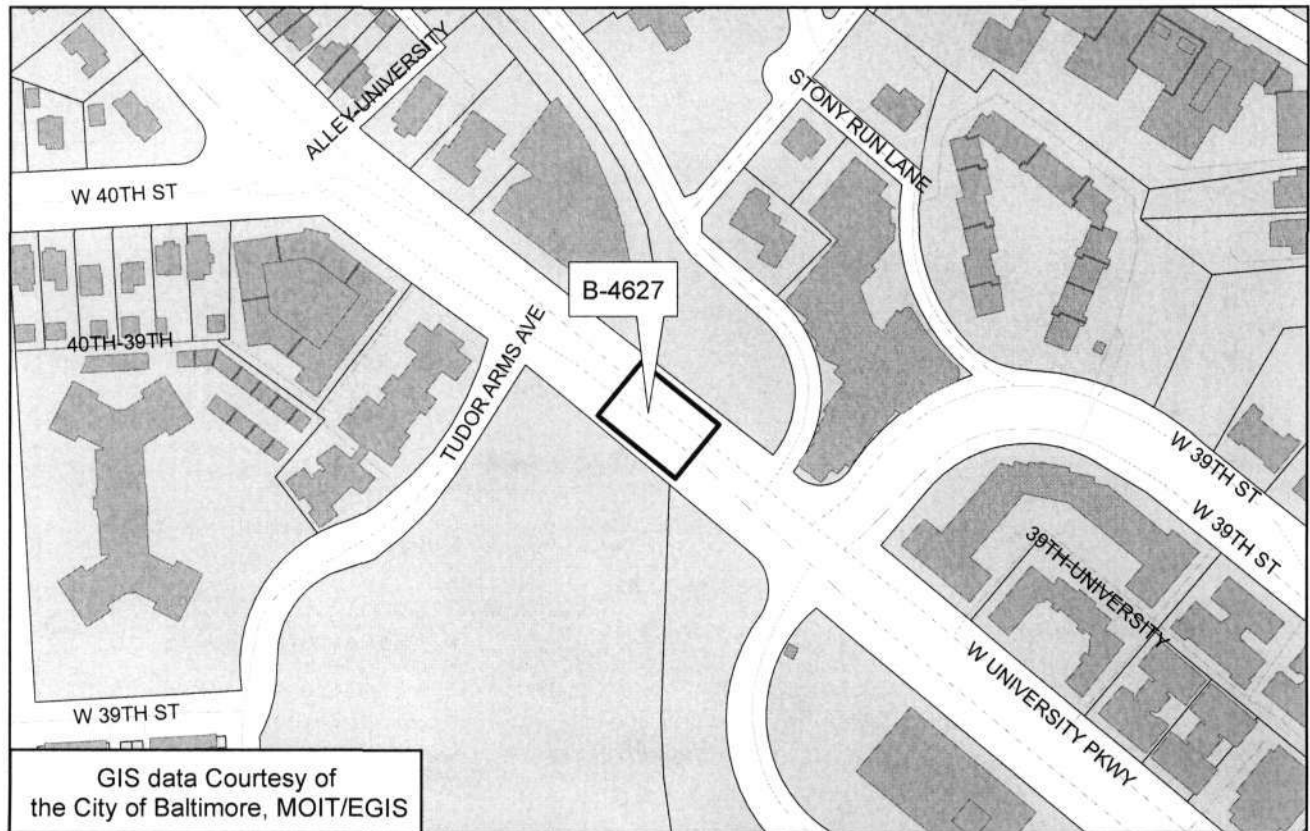
Phone number 410-545-8559

Edited by P.A.C. Spero & Company, December 1997

PKWY. OVER STONEY RUN



B-4627
Bridge BC 3405
University Parkway over Stony Run
Baltimore City
Baltimore East Quad





Inventory # B-4627

Name 3405-UNIVERSITY PKWY OVER STONEY RUN

County/State BALTIMORE CITY/MD

Name of Photographer TIM SCHODEN

Date 1/95

Location of Negative SHA

Description WEST APPROACH

Number 1 of 22 37 4

REPRODUCED FROM THE ORIGINAL NEGATIVE



Inventory # B-4627

Name 3405- UNIVERSITY PKWY OVER STONEY RUN

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHOEN

Date 1/95

Location of Negative SHA

Description NORTH ELEVATION

Number ²23 of ⁴31

2001/05/22 15:55:43



Inventory # B-4627

Name 3405 UNIVERSITY PKWY OVER SIDNEY RUN

County/State BALTIMORE CITY/MD

Name of Photographer TIM SCHUEN

Date 1/95

Location of Negative SHA

Description SOUTH ELEVATION

Number 3 of 374



Inventory # B-4627

Name 3405-UNIVERSITY PKWY OVER STONEY RUN

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHÖEN

Date 1/95

Location of Negative SHA

Description EAST APPROACH

Number 4 of 25 4